

Application No. 10/063315
Page 2

Amendment

Amendments To The Claims:

Claims 1-37. (Canceled)

Claim 38. (Currently Amended) A stent having a longitudinal axis comprising a plurality of segments, including at least one coil segment connected to at least one serpentine segment, the at least one serpentine segment forming an annular ring about the longitudinal axis of the stent, the at least one coil segment having curved portions that ~~extend up to~~ at least 90 degrees about the longitudinal axis, immediately adjacent curved portions which are annularly aligned and longitudinally offset maintaining a substantially constant longitudinal distance from each other along the length of the adjacent curved portions, each of the at least one coil segment extending along a greater longitudinal distance than each of the at least one serpentine segments.

Claim 39. (Previously Presented) The stent of claim 38 having a first end segment and a second end segment, wherein each of the first and second end segments is an expandable serpentine segment.

Claim 40. (Previously Presented) The stent of claim 39 comprising only one segment which is in the form of a coil and which connects the first and second end segments.

Claim 41. Previously Presented) The stent of claim 40 wherein the first and second end segments are self-expandable.

Claim 42. (Canceled)

Claim 43. (Previously Presented) The stent of claim 41 wherein the first and second segments are made of spring steel.

Claim 44. (Previously Presented) The stent of claim 40 wherein the first and second end segments are balloon expandable.

Claim 45. (Previously Presented) The stent of claim 38 wherein the segment which is in the form of a coil is made of spring steel.

Claim 46. (Currently Amended) A stent comprising a coil segment and a tubular, serpentine segment, the coil segment being longer than the tubular serpentine segment, the coil segment having curved portions that ~~extend up to~~ at least 90 degrees about the longitudinal axis, immediately adjacent curved portions which are annularly aligned and longitudinally offset maintaining a substantially constant distance from each other longitudinally along the length of the adjacent curved portions.

Application No. 10/063315
Page 3***Amendment***

- Claim 47. (Previously Presented) The stent of claim 46 wherein the tubular, serpentine segment is balloon expandable.
- Claim 48. (Previously Presented) The stent of claim 46 wherein the tubular, serpentine segment is self-expandable.
- Claim 49. (Previously Presented) The stent of claim 46 having a first end and a second end, the first end being a tubular, serpentine segment and the second end being a tubular, serpentine segment.
- Claim 50. (Previously Presented) The stent of claim 46 where the coil segment is made of spring steel.
- Claim 51. (Previously Presented) The stent of claim 46 wherein the coil segment has an outer diameter of no more than 6 mm when deployed.
- Claim 52. (Previously Presented) The stent of claim 51 having an outer diameter of no more than 6 mm when deployed.
- Claim 53. (Previously Presented) The stent of claim 51 having a length of no more than 20 mm.
- Claims 54-55 (Canceled)